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TITLE: Glass structure for cathode ray tube

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PATENT-FAMILY:

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ABSTRACTED-PUB-NO: KR2004044067A

BASIC-ABSTRACT:

NOVELTY - A glass structure is provided to prevent crack and damage of glass by forming a protrusion at the top of round where a funnel yoke and a funnel body meet and reducing high stress in the glass.

DETAILED DESCRIPTION - A cathode ray tube comprises a panel(1) having an inner surface on which a phosphor screen is formed; a funnel(2) sealed to the panel; a panel portion(21); a funnel body portion(22); a funnel yoke portion(23); a neck portion(13); and one or more protrusions(31) formed at the outer surface of a top of round(25) where the funnel yoke portion and the funnel body portion meet. The protrusion is formed on the connection line interconnecting the diagonal portion of the panel and the neck portion formed in the rear of the funnel.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: GLASS STRUCTURE CATHODE RAY TUBE

DERWENT-CLASS: V05

